BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Desilting and resetting of drain and Re asphalting to ME Layout New extension Main roads and Cross roads in ward no :14

Sanctioned Estimate Amount: 39,20,000.00

Sanctioned Tender Amount: 35,08,830.51

Tender Premium: 1.41 % below

Name of the Contractor: Sri.G Ashwathappa

WORKSLIP STATEMENT

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	481.29	189.74	91320	481.29	193.19	92980	478.11	478.11	193.19	92365	0.00		0	92365		615	
2	Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal course aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	69.66	5408.1	376728	69.66	5506.55	383586	65.14	65.14	5506.55	358708	0.00		0	358708		24878	
3	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.	Sqm	1185.95	379.48	450044	1185.95	386.39	458239	1065.96	1065.96	386.39	411876	0.00		0	411876		46363	

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters conforming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspilliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.1, 4.6	Cum	136.57	5998.54	819221	136.57	6107.71	834130	132.93	132.93	6107.71	811925	0.00		0	811925		22205
5	Providing T.M.T steel reinforcement for R.C.C work, including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications	Tonne	8.19	92662.02	758902	8.19	94348.47	772714	7.98	7.98	94348.47	752530	0.00		0	752530		20184
6	Providing and and fixing Precast Concrete slab 10 C.M. thick with all	Sqm	388.82	2357	908672	388.82	2379.53	925209	340.70	340.70	2379.53	810694	0.00		0	810694		114515

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
7	Transportation & disposing off the excavated earth obtained from side drains and high burns an either side of the road 2 km lead	Cum	481.24	85.65	41218	481.24	87.21	41969	486.30	486.30	[illegible]	42410	0.00		0	42410	441		
	EIRL ITEMS																		
EIRL-1	Removing and Resetting of foot path slab	Sqm							165.24	165.24			165.24	231.69	38284	38284	38284		
EIRL-2	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge.	Cum							8.19	8.19			8.19	1381.64	11316	11316	11316		
	TOTAL				3446106			3508828				3280508			49680	3330188	50843	128760	

Percentage of savings comparing to the sanctioned Estimated cost = $\frac{178720}{3446106}$ **x 100 = 5.19%**

Assistant Engineer
Ward No.14
BBMP

Assistant Executive Engineer
Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Desilting and resetting of drain and Re asphalting to MEI Layout New extension Main roads and Cross roads in ward no :14 Bagalagunte

Sanctioned Estimate Amount: 39,20,000.00

Sanctioned Tender Amount: 35,08,830.51

Tender Premium: 1.41 % below

Name of the Contractor: Sri.G Ashwathappa

COMPARATIVE STATEMENT

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	481.29	189.74	91320	481.29	193.19	92980	478.11	478.11	193.19	92365	0.00		0	92365			
2	Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	69.66	5408.1	376728	69.66	5506.55	383586	65.14	65.14	5506.55	358708	0.00		0	358708		24878	
3	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.	Sqm	1186	379.48	450044	1185.95	386.39	458239	1065.96	1065.96	386.39	411876	0.00		0	411876		46363	

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
4	KSRB 4.0.2 Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticizers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns/pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.0.4.6	Cum	136.57	5998.54	819221	136.57	6107.71	834130	132.93	132.93	6107.71	811925	0.00		0	811925		22205
5	Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications	Tonne	8.19	92662.02	758902	8.19	94348.47	772714	7.98	7.98	94348.47	752530	0.00		0	752530		20184
6	Providing and and fixing Precast Concrete slab 10 CM thick, with all lead and lift as per specification	Sqm	388.82	2337	908672	388.82	2379.53	925209	340.70	340.70	2379.53	810694	0.00		0	810694		114515

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed		Excess / Saving			Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Amount	Qty	Rate	Amount
	Transportation & disposing off the excavated earth obtained from side drains and high bums an either side of the road 2 km lead	Cum	481.24	85.65	41218	481.24	97.01	47969	486.30	486.30	42410	0.00		0
	TOTAL				3446106			3508828			3280508			0.00

Total Sanctioned Tender Amount	35,08,830.51
Total cost of the project after Work slip	Rs. 3,330,107.69
Net Savings Amount of Work Slip	Rs. 178,719.94
Total % Savings to the Tendered Amt	5.186%

Hence there is no Extra Financial Implication to BBMP, kindly approve the WORKSLIP proposal

Assistant Engineer
Ward No.14
BBMP

Assistant Executive Engineer
Dasarahalli Sub Division
BBMP

BRUHAT BANAGLORE MAHANAGARA PALIKE

EXTRA ITEM RATE LIST

Name of work; Desilting and resetting of drain and Re asphalting to MEI Layout New extension Main roads and Cross roads in ward no ;14 Bagalagunte

Sl No	Item Of Work	Unit	Est qty	Rate in Rs. Considering 2021-22 PWD CSR	Amt (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E-1	Removing and Resetting of foot path slab	Sqm	165.24	231.69	38283.88	Additonal Item	No	-	Yes. Data Rate	
E-2	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-	Cum	8.19	1381.64	11315.63	Additonal Item	No	-	Yes. 2021-22 Vol 2 CSR . Page 163 I-19.2.11)	
	TOTAL EIRL AMOUNT				**49599.51**					

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST= $\frac{49599.51}{3508831.51}$ x100 = 1.41%

Assistant Engineer
Ward No.14
BBMP, Bangalore

Assistant Executive Engineer
Dasarahalli Sub Division
BBMP, Bangalore

Executive Engineer
Dasarahalli Division
BBMP, Bangalore